

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,612

DATE: 03/12/2001
TIME: 10:39:58

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03122001\I509612.raw

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4 <110> APPLICANT: ABRIGNANI, SERGIO
5 GRANDI, GUIDO
7 <120> TITLE OF INVENTION: HEPATITIS C RECEPTOR PROTEIN
9 <130> FILE REFERENCE: PP00366.103
11 <140> CURRENT APPLICATION NUMBER: US 09/509,612
12 <141> CURRENT FILING DATE: 2000-03-29
14 <160> NUMBER OF SEQ ID NOS: 20
16 <170> SOFTWARE: Microsoft Word 97
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 49
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial Sequence
23 <220> FEATURE:
24 <223> OTHER INFORMATION: Description of Artificial
25 Sequence: oligodeoxynucleotides
27 <400> SEQUENCE: 1
28 ggccgggggtg gatccggggg tggaggctcg agctttgtca acaaggacc 49
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 5
32 <212> TYPE: PRT
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
38 <400> SEQUENCE: 2
39 Phe Val Asn Lys Asp
40 1 5
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 38
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Description of Artificial
50 Sequence: oligodeoxynucleotides
52 <400> SEQUENCE: 3
53 ccccaagctt tcacagcttc ccggagaaga ggtcatcg 38
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 8
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
63 <400> SEQUENCE: 4
64 Leu Lys Gly Ser Phe Leu Asp Asp
65 1 5
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 41
70 <212> TYPE: DNA

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71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial
75 Sequence:oligodeoxynucleotides
77 <400> SEQUENCE: 5
78 caaaaggaat tctatttgc aacaaggacc agatcgccaa g 41
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 9
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
88 <400> SEQUENCE: 6
89 Phe Val Asn Lys Asp Gln Ile Ala Lys
90 1 5
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 47
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial
100 Sequence:oligodeoxynucleotides
102 <400> SEQUENCE: 7 47
103 ccccaagctt tcaatgatga tgatgatgat gcagcttccc ggagaag
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 11
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
113 <400> SEQUENCE: 8
114 His His His His His Leu Lys Gly Ser Phe
115 1 5 10
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 20
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial
125 Sequence:oligodeoxynucleotides
127 <400> SEQUENCE: 9 20
128 cggttccgca gaccactatg
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 21
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Description of Artificial
137 Sequence:oligodeoxynucleotides

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139 <400> SEQUENCE: 10
140 tcttcacgca gaaaagcgtct a 21
142 <210> SEQ ID NO: 11
143 <211> LENGTH: 23
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial
149   Sequence:oligodeoxynucleotide
151 <400> SEQUENCE: 11 23
152 tgagtgtcgt gcagcccca gga
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 357
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence: Human EC2
161   fragment cloned into pThio-His C
163 <400> SEQUENCE: 12
164 gagttcctcg acgctaacct ggccggctct ggatccggtg atgacgatga caaggtacct 60
165 ggcatgctga gctcgagctt tgtcaacaag gaccagatcg ccaaaggatgt gaagcagttc 120
166 tatgaccagg ccctacagca ggccgtggtg gatgatgacg ccaacaacgc caaggctgtg 180
167 gtgaagacct tccacgagac gcttgactgc tgtggctcca gcacactgac tgcttgacc 240
168 acctcagtgc tcaagaacaa ttttgtcccc tcgggcagca acatcatcag caaccttttc 300
169 aaggaggact gccaccagaa gatcgatgac ctcttcctccg ggaagctgtg aaagctt 357
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 116
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence:Deduced amino
178   acid sequence of EC2 fragment
180 <400> SEQUENCE: 13
181 Glu Phe Leu Asp Ala Asn Leu Ala Gly Ser Gly Ser Gly Asp Asp Asp
182   1           5           10          15
184 Asp Lys Val Pro Gly Met Leu Ser Ser Phe Val Asn Lys Asp Gln
185           20          25          30
187 Ile Ala Lys Asp Val Lys Gln Phe Tyr Asp Gln Ala Leu Gln Gln Ala
188           35          40          45
190 Val Val Asp Asp Asp Ala Asn Asn Ala Lys Ala Val Val Lys Thr Phe
191           50          55          60
193 His Glu Thr Leu Asp Cys Cys Gly Ser Ser Thr Leu Thr Ala Leu Thr
194   65           70           75          80
196 Thr Ser Val Leu Lys Asn Asn Leu Cys Pro Ser Gly Ser Asn Ile Ile
197           85           90          95
199 Ser Asn Leu Phe Lys Glu Asp Cys His Gln Lys Ile Asp Asp Leu Phe
200           100          105          110
202 Ser Gly Lys Leu
203           115

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206 <210> SEQ ID NO: 14
 207 <211> LENGTH: 348
 208 <212> TYPE: DNA
 209 <213> ORGANISM: Artificial Sequence
 211 <220> FEATURE:
 212 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleotide sequence of EC20His6 fragment cloned into pGEX-KG
 215 <400> SEQUENCE: 14
 216 ctgggtccgc gtggatcccc gggaaattcc ggtgggtggtg gtggaaattct atttgtcaac 60
 217 aaggaccaga tcgccaagga tgtgaagcag ttcttatgacc agggccataca gcaggccgtg 120
 218 gtggatgtat acgccaacaa cgccaaggct gtgggtgaaga ctttccacga gacgcttgac 180
 219 tgctgtggct ccagcacact gactgctttg accacacctg tgctcaagaa caattttgtgt 240
 220 ccctcgggca gcaacatcat cagaacaccc ttcaggagg actgcccacca gaagatcgat 300
 221 gaccttctt cgggaagct gcatcatcat catcatcatt gaaagctt 348
 223 <210> SEQ ID NO: 15
 224 <211> LENGTH: 113
 225 <212> TYPE: PRT
 226 <213> ORGANISM: Artificial Sequence
 228 <220> FEATURE:
 229 <223> OTHER INFORMATION: Description of Artificial Sequence: Deduced amino acid sequence of EC2-His 6 fragment
 232 <400> SEQUENCE: 15
 233 Leu Val Pro Arg Gly Ser Pro Gly Ile Ser Gly Gly Gly Gly Ile 15
 234 1 5 10 15
 236 Leu Phe Val Asn Lys Asp Gln Ile Ala Lys Asp Val Lys Gln Phe Tyr 30
 237 20 25 30
 239 Asp Gln Ala Leu Gln Gln Ala Val Val Asp Asp Asp Ala Asn Asn Ala 45
 240 35 40 45
 242 Lys Ala Val Val Lys Thr Phe His Glu Thr Leu Asp Cys Cys Gly Ser 60
 243 50 55 60
 245 Ser Thr Leu Thr Ala Leu Thr Thr Ser Val Leu Lys Asn Asn Leu Cys 80
 246 65 70 75
 248 Pro Ser Gly Ser Asn Ile Ile Ser Asn Leu Phe Lys Glu Asp Cys His 95
 249 85 90 95
 251 Gln Lys Ile Asp Asp Leu Phe Ser Gly Lys Leu His His His His His 110
 252 100 105 110
 254 His
 256 <210> SEQ ID NO: 16
 257 <211> LENGTH: 236
 258 <212> TYPE: PRT
 259 <213> ORGANISM: Pan troglodytes
 261 <400> SEQUENCE: 16
 262 Met Gly Val Glu Gly Cys Thr Lys Cys Ile Lys Tyr Leu Leu Phe Val 15
 263 1 5 10 15
 265 Phe Asn Phe Val Phe Trp Leu Ala Gly Gly Val Ile Leu Gly Val Ala 30
 266 20 25 30
 268 Leu Trp Leu Arg His Asp Pro Gln Thr Thr Asn Leu Leu Tyr Leu Glu 45
 269 35 40 45
 271 Leu Gly Asp Lys Pro Ala Pro Asn Thr Phe Tyr Val Gly Ile Tyr Ile

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272	50	55	60
274	Leu Ile Ala Val Gly Ala Val Met Met Phe Val Gly Phe Leu Gly Cys	70	75
275	65		80
277	Tyr Gly Ala Ile Gln Glu Ser Gln Cys Leu Leu Gly Thr Phe Phe Thr		95
278	85	90	
280	Cys Leu Val Ile Leu Phe Ala Cys Glu Val Ala Ala Gly Ile Trp Gly	100	105
281		105	110
283	Phe Val Asn Lys Asp Gln Ile Ala Lys Asp Val Lys Gln Phe Tyr Asp	115	120
284		120	125
286	Gln Ala Leu Gln Gln Ala Val Val Asp Asp Asp Ala Asn Asn Ala Lys	130	135
287		135	140
289	Ala Val Val Lys Thr Phe His Glu Thr Leu Asp Cys Cys Gly Ser Ser	145	150
290		150	155
292	Thr Leu Thr Ala Leu Thr Thr Ser Val Leu Lys Asn Asn Leu Cys Pro	165	170
293		170	175
295	Ser Gly Ser Asn Ile Ile Ser Asn Leu Phe Lys Glu Asp Cys His Gln	180	185
296		185	190
298	Lys Ile Asp Asp Phe Phe Ser Gly Lys Leu Tyr Leu Ile Gly Ile Ala	195	200
299		200	205
301	Ala Ile Val Val Ala Val Ile Met Ile Phe Glu Met Ile Leu Ser Met	210	215
302		215	220
304	Val Leu Cys Cys Gly Ile Arg Asn Ser Ser Val Tyr	225	230
305		230	235
307	<210> SEQ ID NO: 17		
308	<211> LENGTH: 236		
309	<212> TYPE: PRT		
310	<213> ORGANISM: Cercopithecus aethiops		
312	<400> SEQUENCE: 17		
313	Met Gly Val Glu Gly Cys Thr Lys Cys Ile Lys Tyr Leu Leu Phe Val	5	10
314		10	15
316	Phe Asn Phe Val Phe Trp Leu Ala Gly Gly Val Ile Leu Gly Val Ala	20	25
317		25	30
319	Leu Trp Leu Arg His Asp Pro Gln Thr Thr Asn Leu Leu Tyr Leu Glu	35	40
320		40	45
322	Leu Gly Asp Lys Pro Ala Pro Asn Thr Ser Tyr Val Gly Ile Tyr Ile	50	55
323		55	60
325	Leu Ile Ala Val Gly Ala Val Met Met Phe Val Gly Phe Leu Gly Cys	65	70
326		70	75
328	Tyr Gly Ala Ile Gln Glu Ser Gln Cys Leu Leu Gly Thr Phe Phe Thr	85	90
329		90	95
331	Cys Leu Val Ile Leu Phe Ala Cys Glu Val Ala Ala Gly Ile Trp Gly	100	105
332		105	110
334	Phe Val Asn Lys Asp Gln Ile Ala Lys Asp Val Lys Gln Phe Tyr Asp	115	120
335		120	125
337	Gln Ala Leu Gln Gln Ala Val Val Asp Asp Asp Ala Asn Asn Ala Lys	130	135
338		135	140
340	Ala Val Val Lys Thr Phe His Glu Thr Val Asp Cys Cys Gly Ser Ser	145	150
341		150	155
343	Thr Leu Ala Ala Leu Thr Thr Ser Val Leu Lys Asn Asn Leu Cys Pro		

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